

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A device for controlling a circuit-breaker intended for opening and closing this electric power cut-off device comprising a mobile contact, said control device comprising a motor with a rotary output shaft, the motor configured to initiate opening and closing of the electric power cut-off device and being connected to power supply means and to actuation means transforming the output displacement of said motor into a displacement of said contact, the device also comprising an arrangement of a mechanical spring involved in opening and closing said contact, said spring arrangement including two pre-stressed and antagonist mechanical springs, wherein said two springs include an opening spring, ensuring the opening of said contact and a closing spring, ensuring the closing of said contact, said actuation means being stressed by each of these two springs separated by a ring, and including an arrangement for immobilizing said contact in the open position and the closed position, characterized in that said actuation means include a set of jointed elements providing the connection of said rotary shaft and of said ring, and in that, in the closed position of said contact said opening spring urges said set of jointed elements toward the closed position, said set of jointed elements abuts against an abutment element near an open dead centre position, the opening spring only being able to drive it said opening spring driving said jointed elements towards the open position upon said jointed elements moving past said open dead centre position during opening.

2. (Previously Presented) The device according to claim 1, characterized in that said set of jointed elements comprises a crank configured to be driven into rotation by said output shaft and jointed at one end of a connecting rod, the other end of which is jointed on said ring.

3. (Previously Presented) The device according to claim 2, characterized in that, in the open position of said contact, said set of jointed elements abuts against said abutment element near a closed dead centre position, the closing spring being only able to drive it towards the closing position upon moving past this dead centre during closing.
4. (Previously Presented) The device according to claim 2, characterized in that said crank is configured to be driven into rotation by said output shaft via a toothed segment meshed on said output shaft and on which it is jointed.
5. (Previously Presented) The device according to claim 1, characterized in that said motor is a motor for assisting and controlling the trajectory of said contact, powered by a power converter controlled by a position and speed regulator.
6. (Previously Presented) The device according to claim 5, characterized in that said regulator provides damping of the displacement of said contact at the end of the travel for opening and at the end of the travel for closing.
7. (Previously Presented) The device according to claim 1, characterized in that said springs are mounted aligned along an axis, one of the ends of the springs abutting against a spring abutment and the other end of the springs being separated by a ring.
8. (Previously Presented) The device according to claim 1, further comprising an arrangement for disengaging the action of the closing spring.

9. (Previously Presented) The device according to claim 8, characterized in that said disengaging arrangement is in a device for controlled displacement of said abutment of the closing spring.

10. (Previously Presented) The device according to claim 9, further comprising a device for pushing said set of jointed elements towards its open dead centre.

11. (Previously Presented) The device according to claim 10, characterized in that said pushing device is in a striker intended to stress said crank.

12. (Previously Presented) The device according to claim 1, characterized in that in the closing and opening positions of said contact, said connecting rod abuts against said abutment element.

13. (New) A apparatus configured to open and close an electric power cut-off device, the apparatus comprising:

a motor;

a crank assembly rotatable about an axis, wherein operation of the motor causes rotation of the crank assembly about the axis;

a connecting rod having a first end and a second end, the connecting rod coupled to the crank assembly proximal to the first end, wherein rotation of the crank assembly causes rotational and translational movement of the connecting rod between a first position and a second position;

a first stationary spring abutment positioned a first distance from the crank assembly;

a second stationary spring abutment position a second distance from the crank assembly, wherein the second distance is greater than the first distance;

a mobile element coupled to the connecting rod proximal to the second end and moveable between the first and second stationary spring abutments, the mobile element coupled to the first stationary spring abutment via a first pre-stressed spring and coupled to the second stationary spring abutment via a pre-stressed second spring, at least the first spring configured to urge the connecting rod toward the first position, wherein movement of the connecting rod past a predetermined dead centre position between the first and second position causes at least the first spring to then urge the connecting rod toward the second position.

14. (New) The apparatus of claim 13 further comprising a stationary abutment element configured to abut the connecting rod and prevent movement of the connecting rod past the second position.

15. (New) The apparatus of claim 13 wherein the first and second spring abutments are stationary with respect to the connecting rod.

16. (New) The apparatus of claim 13, wherein the connecting rod includes a U-shaped receiving member to engage the crank arm in a closed position.

17. (New) The apparatus of claim 13, wherein the first position is a closed position and the second position is an open position.

18. (New) The apparatus of claim 13, wherein the first position is an open position and the second position is a closed position.